

| | | | | | |
|--|--|--|--|---|--|
| FORM PTO-1390 (REV. 1-2003) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER 890003-2008.1 | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | | | U.S. APPLICATION NO. (If known see 37 C.F.R. 1.5) 10/562955 | |
| INTERNATIONAL APPLICATION NO. PCT/US2004/021414 | | INTERNATIONAL FILING DATE 1 July 2004 (01.07.2004) | | PRIORITY DATE CLAIMED 1 July 2003 (01.07.2003) | |
| TITLE OF INVENTION ENGINEERED BLOOD VESSELS | | | | | |
| APPLICANT(S) FOR DO/EO/US Robert T. Tranquillo, et al. | | | | | |
| <p>Applicants herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> First page ONLY is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Datasheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: <div style="margin-left: 20px;"> 1) Forms PTO-1382 and PCT/RO/101; 2) Form PCT/RO/105; 3) Form PCT/IB/304; 4) Form PCT/IB/301; and 5) Form PCT/IB/308; </div> | | | | | |
| <div style="text-align: right;"> <p><u>EXPRESS MAIL</u></p> <p>Mailing Label Number: <u>EV723365900 US</u></p> <p>Date of Deposit: <u>December 30, 2005</u></p> <p>I hereby certify that this paper or fee is being deposited with the United States Postal Service</p> <p>"Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <div style="margin-top: 10px;"> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p><i>Yousef Ahmed</i></p> <p>(Typed or printed name of person mailing paper or fee)</p> </div> <div style="width: 40%;"> <p><i>[Signature]</i></p> <p>(Signature of person mailing paper or fee)</p> </div> </div> </div> </div> | | | | | |

| | | | | | |
|---|--|--|--|--|--|
| U.S. APPLICATION NO. (If known) 37 CFR 1.5) 101,02955 | | INTERNATIONAL APPLICATION NO. PCT/US2004/021414 | | ATTORNEY'S DOCKET NO. 890003-2008.1 | |
|---|--|--|--|--|--|

The following fees are submitted:

| | | | |
|--|--------------|---|------------------------|
| 21. <input type="checkbox"/> Basic national fee | \$300.00 | \$300.00 | |
| 22. <input type="checkbox"/> Examination fee | | | |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... | | | |
| | \$100.00 | | |
| All other situations | \$200.00 | \$200.00 | |
| 23. <input type="checkbox"/> Search fee | | | |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority | | | |
| | \$100.00 | | |
| International Search Report prepared and provided to the Office..... | | | |
| | \$400.00 | | |
| All other situations | \$500.00 | \$100.00 | |
| TOTAL OF 21, 22 and 23= | | \$600.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | |
| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE |
| - 100= | /50= | | x \$250.00 |
| | | | \$-0- |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | \$ |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE |
| Total claims | 22 - 20= | 2 | x \$50.00 |
| Independent claims | 6 - 3= | 3 | x \$200.00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | 0 | + \$360.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | \$700.00 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. 1.27. The fees indicated above are reduced by 1/2. | | | \$ |
| SUBTOTAL = | | | \$1300.00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | \$ |
| | | | + |
| TOTAL NATIONAL FEE = | | | \$1300.00 |
| Fee for recording the enclosed assignments (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | \$ |
| | | | + |
| TOTAL FEES ENCLOSED = | | | \$4710.00 |
| | | | Amount to be refunded: |
| | | | \$ |
| | | | Amount to be charged: |
| | | | \$ |

a. ☒ A check in the amount of **\$1300.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.

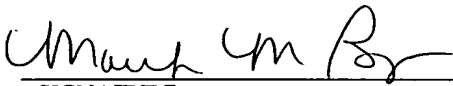
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **50-0320**. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

William F. Lawrence
 Frommer Lawrence & Haug LLP
 745 Fifth Avenue
 New York, New York 10151


 SIGNATURE
 William F. Lawrence or Marilyn Matthes Brogan
 NAME
 28,029 or 31,223
 REGISTRATION NUMBER